

SWITCHABLE LIGHTNING ARRESTER SYSTEM

ABSTRACT OF THE DISCLOSURE

The switchable lightning-arrester system has a safety-switchable connector (10), which, for differing power-line features, can include optionally a counter-lever safety connector (14), a slide safety connector (40), a hinged safety connector (56) and a pivot safety connector (67) intermediate a power line (11) and a lightning arrester (1) for on-spot disconnection to protect workers from self-destructing arresters when changing lightning arresters or working on damaged lines without costly, time-consuming and power-disruptive shutdown of power lines. This is highly important because the lightning arresters are changed and repair work is done on damaged lines as quickly after self-destruction from lightning surges as possible requiring the change and repair. The safety-switchable connectors are made to be operable and changeable from a safe distance remotely, which is preferably from a ground position near a light pole, a transformer or other line support (9). Many line-worker lives have been injured or lost in the past without this safety-switchable connector.